

ABSTRACT

5 The present invention provides peptide and recombinant protein mimetics specifically
representing the antiviral and antiproliferative activities of interferons with avoiding
interferons' undesirable side effects during treatment of a variety of diseases. The
basic embodiment of the present invention was to link together, through a short
artificial spacer, two primary protein sequences locating distant to each other in the
10 interferon's native structure.

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